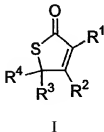


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compound of formula I:



wherein:

$R^1 = H$

$R^2 = -OH, -OR^5, -OCH_2C(O)R^5, -OCH_2C(O)NHR^5, -OC(O)R^5, -OC(O)OR^5, -OC(O)NHNH-R^5, \text{ or } -OC(O)NR^5R^6$, where R^5 and R^6 are each independently is H, C_1 - C_{20} alkyl, cycloalkyl, alkenyl, alkynyl, aryl, arylalkyl, or alkylaryl, and where R^5 and R^6 can each optionally contain halogen atoms;

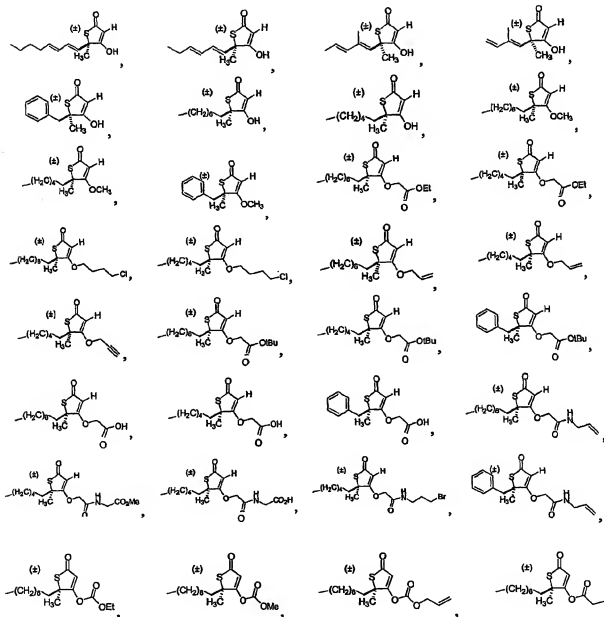
R^3 and R^4 , the same or different from each other, are C_1 - C_{20} alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl;

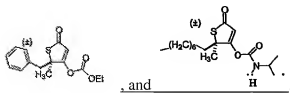
with the proviso that when R^2 is $-OH, -OCH_3$, or $-OC(O)CF_3$ and R^3 is $-CH_3$, then R^4 is not $-CH_2CH_2OH, -CH_2(C_6H_5)$, or $-CH=CH-CH_3$, and

the further proviso that when R^3 is $-CH_2-(C_6H_5)$, then R^4 is not $-CH_3$ or $-CH_2CH_3$.

2. (Original) A compound according to claim 1, wherein R^5 is H, C_1 - C_{10} alkyl, cycloalkyl, alkenyl, aryl, arylalkyl or alkylaryl.
3. (Original) A compound according to claim 2, wherein R^5 is H, or C_1 - C_{10} alkyl.
4. (Original) A compound according to claim 1, wherein R^3 and R^4 are each independently H, C^1 - C^{10} alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl.
5. (Original) A compound according to claim 4, wherein R^3 and R^4 are each independently H, or C_1 - C_{10} alkyl.

6. (Original) A compound according to claim 1, wherein, R^3 is $-H$ or CH_3 .
7. (Original) A compound according to claim 1, wherein R^4 is $-nC_6-C_8$ alkyl.
8. (Currently Amended) A compound according to claim 1, wherein the compound is selected from the group consisting of:





9-17. (Cancelled)

18. (Original) A pharmaceutical composition comprising a pharmaceutical diluent and a compound of formula I.

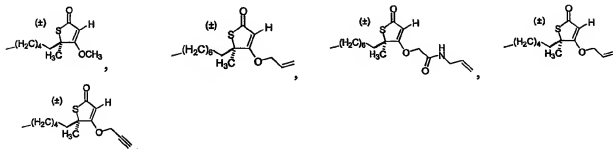
19-25. (Cancelled)

26. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 16 to said subject.

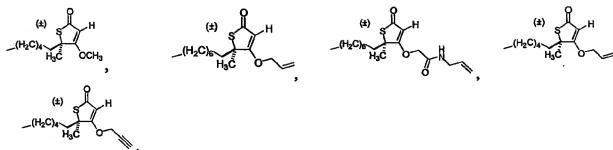
27. (Withdrawn) The method of claim 26, wherein the subject is a human.

28. (Withdrawn) The method of claim 26, wherein the subject is an animal.

29. (Withdrawn) The method of claim 27, wherein the pharmaceutical composition comprises a compound selected from the group consisting of:



30. (Withdrawn) The method of claim 28, wherein the pharmaceutical composition comprises a compound selected from the group consisting of:



31-38. (Cancelled)

39. (Withdrawn) A method of inhibiting fatty acid synthase activity in an animal or human subject comprising administering an effective amount of a pharmaceutical composition according to claim 16 to said subject.

40. (Withdrawn) The method of claim 39, wherein the subject is a human.

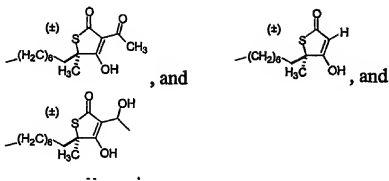
41. (Withdrawn) The method of claim 39, wherein the subject is an animal.

42. (Withdrawn) A method of inhibiting growth of invasive microbial cells in an animal or human subject comprising the administration of an effective amount of a pharmaceutical composition according to claim 16 to said subject.

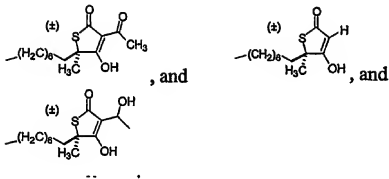
43. (Withdrawn) The method of claim 42, wherein the subject is a human.

44. (Withdrawn) The method of claim 42, wherein the subject is an animal.

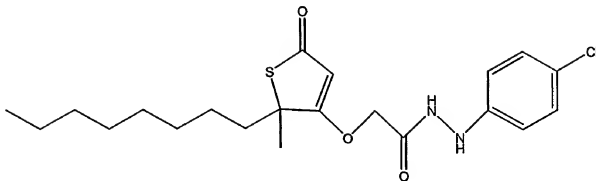
45. (Withdrawn) The method of claim 43, wherein the compound is selected from the group consisting of:



46. (Withdrawn) The method of claim 44, wherein the compound is selected from the group consisting of:



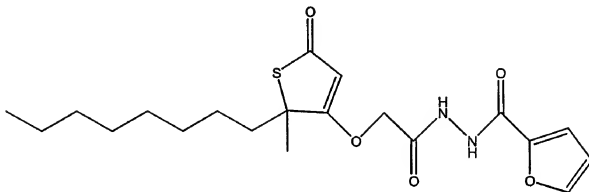
47. (Withdrawn) A compound of formula:



48. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 47.

49. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 47.

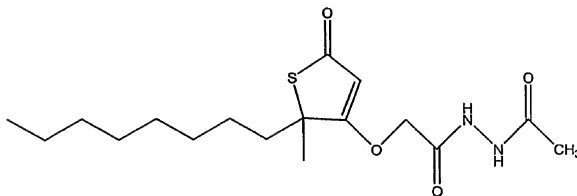
50. (Withdrawn) A compound of formula:



51. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 50.

52. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 50.

53. (Withdrawn) A compound of formula:



54. (Withdrawn) A pharmaceutical composition comprising a pharmaceutical diluent and the compound of claim 53.

55. (Withdrawn) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 53.

56. (Currently Amended) A compound according to claim 1, where:

R^1 is H;

R^2 is $-\text{OCH}_2\text{C}(\text{O})\text{NHR}^5$, where R^5 is $\text{C}_1\text{-C}_{10}$ aryl containing a halogen atom;

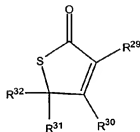
R^3 is $-\text{CH}_3$; and

R^4 is $-\text{n-C}_6\text{-C}_8$ alkyl[[.]]₂

57. (Previously Presented) A method of treating cancer in an animal or human subject, comprising administering an effective amount of a pharmaceutical composition according to claim 56.

58. (Withdrawn) A method of treating cancer in an animal or human subject comprising administering an effective amount of a pharmaceutical composition according to claim 56.

59. (Withdrawn) A compound of formula IV:



wherein:

$R^{29} = \text{H}$

$R^{30} = -\text{OH}$, $-\text{OR}^{33}$, $-\text{OCH}_2\text{C}(\text{O})\text{R}^{33}$, $-\text{OCH}_2\text{C}(\text{O})\text{NHR}^{33}$, $-\text{OC}(\text{O})\text{R}^{33}$, $-\text{OC}(\text{O})\text{OR}^{33}$, $-\text{OC}(\text{O})\text{NHNH-R}^{33}$, or $-\text{OC}(\text{O})\text{NR}^{33}\text{R}^{34}$, where R^{33} and R^{34} are each independently H, $\text{C}_1\text{-C}_{20}$ alkyl, cycloalkyl, alkenyl, alkynyl, aryl, arylalkyl, or alkylaryl, and where R^5 can optionally contain halogen atoms;

R^{31} and R^{32} , the same or different from each other, are $\text{C}_1\text{-C}_{20}$ alkyl, cycloalkyl, alkenyl, aryl,

arylalkyl, or alkylaryl;

with the proviso that when R^{30} is $-\text{OH}$, $-\text{OCH}_3$, or $-\text{OC}(\text{O})\text{CF}_3$ and R^{31} is $-\text{CH}_3$, then R^{32} is not $-\text{CH}_2\text{CH}_2\text{OH}$, $-\text{CH}_2(\text{C}_6\text{H}_5)$, or $-\text{CH}=\text{CH}-\text{CH}_3$, and
the further proviso that when R^{31} is $-\text{CH}_2-(\text{C}_6\text{H}_5)$, then R^{32} is not $-\text{CH}_3$ or $-\text{CH}_2\text{CH}_3$.

60. (Withdrawn) A compound according to claim 59, wherein R^{33} is H, $\text{C}_1\text{-C}_{10}$ alkyl, cycloalkyl, alkenyl, aryl, aryl, arylalkyl, or alkylaryl.

61. (Withdrawn) A compound according to claim 60, wherein R^{33} is H, or $\text{C}_1\text{-C}_{10}$ alkyl.

62. (Withdrawn) A compound according to claim 59, wherein R^{31} and R^{32} are each independently H, $\text{C}_1\text{-C}_{10}$ alkyl, cycloalkyl, alkenyl, aryl, aryl, arylalkyl, or alkylaryl.

63. (Withdrawn) A compound according to claim 62, wherein R^{31} and R^{32} are each independently H, or $\text{C}_1\text{-C}_{10}$ alkyl.

64. (Withdrawn) A compound according to claim 59, wherein R^{31} is $-\text{H}$ or $-\text{CH}_3$.

65. (Withdrawn) A compound according to claim 59, wherein R^{32} is $-\text{nC}_6\text{-C}_8$ alkyl.

66. (Withdrawn) A compound according to claim 59, wherein the compound has the formula:

